

K. Sei  
15 October 71

SPADE Meeting 10/15/71

Attendees: Ari, Kelvin, Johnny, Bill, Lou, Chuck, Howard, Mark K,  
Evelyn

Chuck's Report: Network meeting for system programmers. Played around with DMCG for awhile. Found out that some Editors have bugs. Turns out that about 70% of attendees sites were up.

NIC-Tutorial was nice.

Protocol - not really too much accomplished, CR/LF wasn't resolved. Time-Out problem has some solutions: 1) Stay on, 2) Time-Out by violating protocol, 3) Send reset. It was finally decided to keep the system the same. Unsolicited returns were prohibited. ICP will be left alone; documentation upcoming.

File/Data transfer report will be coming out shortly. (Most likely as an RFC). Climate-Dynamics research was talked about next. Plan to have 10 years of weather data stored. Have  $10^{12}$  bits on-line store.

To come on Net, a new site will have to purchase an IMP or TIP, with ARPA retaining ownership of IMP or TIP.

L. Roberts report caused a stir--viz. "you should replace your machine every 1 1/2 years".

Hardware: Power Supply to disc controller down => All 4 rads are down. Having trouble getting new power supply. Ari refused to let CE's switch power supplies.

Software: Bug in DMCG which screwed characters up. There is also a bug which causes us to lose wake-up's. There is a bug in old-MSG over the network which deletetes CR.

New MSG in public, new RJSNET in SYSDIR & SYSDIRX.

Johnny reported that when interacting with CCN, RUFNUM was lost. Possible probelm could be LINKTABLE overflow.



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NETWORK LOGGER bug is fixed.

Lou is integrating pre-load chain system calls into the system.

Bug in Tape Process--if 1st command causes WRITE from a non-existent file onto tape & the tape drive is not ready, one gets funny things (alarm, garbage on Operator's Console).

Assigning System Call Numbers: Duplication of numbers by Lou when he was integrating the pre-load chain calls into the system. Official policy now is to see Lou or Jon for new numbers.

Measurements: Lou read J. Cole's thesis. Mark is going to document his changes to FINK to keep track of user's on this system. Johnny's Disc scheduler is having problems with the "missing" interrupt.

Vint is going to try to quantitatively measurement the effects of extra core on system.